

A GUIDE TO MIRRORLESS CAMERAS

GLAS Prod Unit Equipment Checkout

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MIRRORLESS CAMERAS

INTRODUCTION

Mirrorless cameras are the epitome of innovation in the realm of digital photography and videography. Unlike DSLR camera models, they do not rely on the complex system of mirrors and optical view finders. Instead, they utilize electronic viewfinders (EVFs) that provide a real-time preview of your shot, allowing for immediate adjustments and a more immersive shooting experience.

- Compactness and Portability

One of the primary advantages of mirrorless cameras is their compact and lightweight design. By eliminating the need for a bulky mirror mechanism, these cameras become highly portable, making them ideal for shooting on location or in tight spaces. Plus, it's nice not having to tax yourself carrying around a heavy camera. Mirrorless cameras sleek form factor grants cinematographers the freedom to explore unique and cinematic angles and perspectives.

- Enhanced Autofocus Performance

Mirrorless cameras boast excellent autofocus capabilities, employing advanced contrast detection and hybrid autofocus systems. This technology enables precise

subject tracking and fast autofocus, even during some challenging lighting conditions. Such reliability and speed are crucial for capturing spontaneous moments and ensuring your footage remains sharp and in focus.

*****EXCEPTION:** Lens types are important when it comes to autofocus performance on mirrorless cameras. You will want to check out a camera that is designed for the camera system. For example, The Canon EOS r8 works well with the 24-105mm Canon Lens. The Black Magic Pocket Cinema and GH5 cameras have great autofocus with the 14-45mm Lumix Lens.

FILMMAKER

PANASONIC GH5

THE LUMIX MASTERPIECE

The Panasonic GH5 stands as a testament of exceptional functionality and creative expression. Designed for both professional filmmakers and enthusiasts, this mirrorless camera is packed with features that empower filmmakers to bring their visions to life.

Top 3 Things About This Camera

1. Superb Image Quality

The GH5 captures stunning 4K resolution footage, providing impressive details and vibrant colors that breathe life into your visuals. It has a 20.3-megapixel Digital Live MOS sensor and Venus Engine processor work together to produce exceptional dynamic range and low-light performance, ensuring your shots are consistently amazing.

2. 25mm Voigtlander Lens F/0.95

Check out this crispy lens with the GH5 and see for yourself.

3. Unique Features

Some standout features include a 5-axis in-body image stabilization, which minimizes camera shake and ensures smoother footage. Additionally, the

camera's high speed burst shooting capabilities, up to 12 frames per second, enable you to capture fleeting moments with astonishing precision.

FLAWS:

Consider the limitation of the camera's relatively small sensor size, compared to full-frame alternatives, may result in slightly less depth of field control in certain scenarios.



CANON EOS R8

IMAGE ASSASSIN

The Canon EOS R8, bundled with the versatile 24-50mm lens and STM kit, offers a strong package for aspiring filmmakers. This combination provides a wide focal range, from wide-angle to standard zoom, allowing you to capture different subjects with ease. The STM (Stepping Motor) technology ensures smooth and silent autofocus performance, enabling you to focus quickly and accurately. This kit is a great grab and go for your checkout experience with mirrorless cameras.

Top 3 Things About This Camera

1. Outstanding Resolution

The EOS R8 has outstanding resolution with its 45-megapixel full-frame CMOS sensor, delivering exceptional image quality with stunning detail and dynamic range. It's DIGIC X image processor has superb performance. COMES IN 4K TOO.

2. Versatile Lens

The 24-50mm lens included in the kit covers a versatile focal range, making it suitable for a wide range of image types. From capturing expansive landscape at 24mm to zooming in on subjects with the 50mm focal length, this lens allows you to adapt to various shooting situations with ease.

3. STM Autofocus Technology

The kit's lens features STM (stepping motor) autofocus, that ensures smooth and quiet delivery. Whether you're photographing still subjects or shooting

videos, the STM motor provides precise focusing, minimizing distractions, and allowing you to focus on capturing the perfect shot.

FLAWS:

The battery life for the camera is especially weak, which requires additional batteries for prolonged shoots. Also, you need to attach the lens adapter (in kit) to use EF lenses.



BLACK MAGIC POCKET CINEMA CAMERA

CINEMATIC SORCERER

The Blackmagic Pocket Cinema Camera represents compact cinema cameras with a sleek handheld design. This mirrorless camera captures the essence of the cinematic aesthetic and empowers filmmakers to produce their visual storytelling.

Top 3 Things About This Camera

1. Filmic Image Quality

With its Super 16-sized sensor, the original Blackmagic Pocket Cinema Camera captures rich and filmic footage, reminiscent of classic motion picture film. Its ability to record in the Blackmagic RAW format provides immense flexibility in post-production.

2. Cinematographer Power

This camera boasts a labyrinth of professional features, including the built-in DaVinci Resolve color grading, 13 stops of dynamic range, and advanced audio recording capabilities. It empowers aspiring cinematographers to achieve exceptional results without compromising on creative control.

3. **Blackmagic Raw Format** This camera supports the Blackmagic RAW format, which provides flexibility in post-production. This format retains the highest image quality while offering extensive control over color grading and dynamic range. It enables cinematographers to achieve the desired look and feel for their footage during the editing process, ensuring the preservation of creative vision.

FLAWS:

The camera's small form factor may require additional rigging and accessories for comfortable handheld shooting over extended periods. ALSO, if you shoot with the Blackmagic RAW format- keep a external hard-drive nearby because the files tend to be large...



